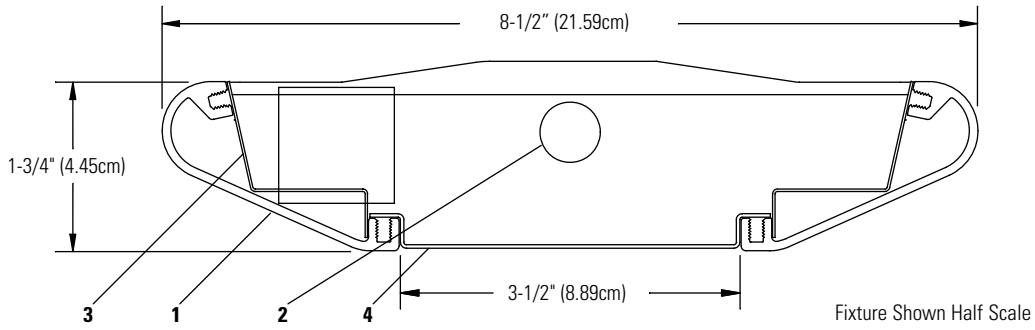
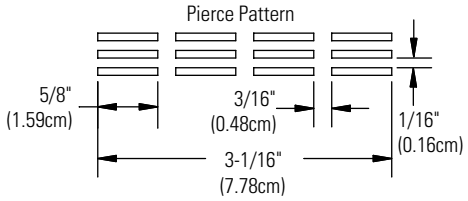
Lytespread™ LSB Pierced Luminous Indirect 1-Light T5 Per 4-Foot (Nominal) Section



Fixture Shown Half Scale



Ordering Information

Family	Lamps	Length	Shielding	Ballast	Voltage	Finish
LSB	**1**		**B**			
	1 = 1-Lamp T5	**4** = 4-Foot **8** = 8-Foot	**B** = Pierced	**28** = 28W T5 **54** = 54W T5 **5E** = 54W T5 Emergency Pack **2E** = 28W T5 Emergency Pack **5D** = 54W T5 Dimming	**1** = 120 volt **2** = 277 volt	**AL** = Aluminum **WH** = White

Complete ordering instructions below.

Features

1. **Housing:** Extruded aluminum. Die-cast end cap mechanically attached with no exposed fasteners or hardware.
2. **Lamping:** One T5, 28 or 54 watt (as specified) fluorescent lamp per 4-Foot nominal section. Provided by others.
3. **Reflector:** Precision die-formed semi-specular aluminum.
4. **Shielding:** Precision die-formed, pierced 20 gauge CRS. Piercing is four rows that extend the entire length of the lamps. The pattern is 5/8" (1.59cm) x 1/16" (0.16cm) slot with a 3/16" (0.48cm) separation between rows.

Electrical

Ballast is <10% THD, .98 ballast factor, pre-heat start. 18 gauge wire. Color-coded quick connectors allow ease of connection for joiner modules. Power feed is 18 gauge white SJT. For special circuiting consult factory. Factory installed ballast disconnect allows the ballast to be disconnected from and reconnected to incoming power under load without turning the entire circuit off.

Dimming: 120/277 VAC 1% dimming level, 4 wire feed required.

Emergency Battery Pack: 28 watt: 520 lumens @ 90 minutes, 54 watt: 700 lumens @ 90 minutes, 4 wire feed required.

Mountings

Cable suspension (not shown) - 4-1/2" (11.43cm) diameter canopy finished white enamel, 1/16" (0.16cm) diameter stainless steel aircraft cable adjustable up to 36" (91.44cm). Dual-screw draw-tight connector to create hairline seam between joiner modules.

Finish

Powder coated baked white or aluminum finish. Custom colors available, consult factory.

Options and Accessories

Emergency Circuiting; special circuiting; X, T & L joiner blocks - consult factory.

Labels

UL, cUL and I.B.E.W.

Ordering Instructions

Individual Fixtures:

1. Order number of MODULES required.
2. Order one POWER FEED END SET per MODULE.

Continuous Rows:

1. Determine run length.
2. Order the appropriate number of MODULES for the complete run.
3. Order one POWER FEED END SET per run.
4. Order one CABLE ASSEMBLY per MODULE minus one per run.
5. For runs that exceed amperage limits, order the appropriate number of CABLE/CORD ASSEMBLIES.

Job Information **Type:**

Job Name:

Cat. No.:

Lamp(s):

Notes:

631 Airport Road, Fall River, MA 02720 • (508) 679-8131 • Fax (508) 674-4710
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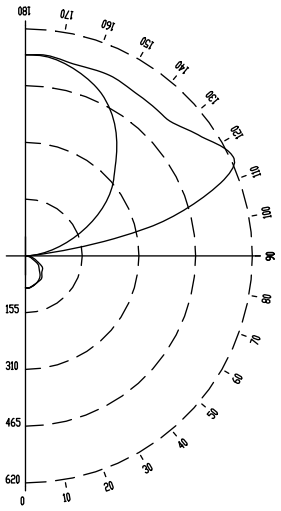
Performance

CANDLEPOWER CURVE



REPORT NO: LRL 300-1P
CAT NO: LSB14B28
LAMPS: 1 F28T5
LUMENS: 2900
EFFICIENCY: 87.3%

CANDLEPOWER

ZONE ➤ 0	22	45	67	90
DEG. ▼	CANDELAS			
180	549	549	549	549
175	548	548	549	549	551
165	526	532	537	548	540
155	490	498	515	538	544
145	428	448	484	524	537
135	347	379	439	511	537
125	276	319	427	553	576
115	182	253	435	585	629
105	93	196	376	424	419
95	23	74	50	27	25
90	3	4	5	6	6
85	2	8	9	8	9
75	13	15	15	19	22
65	22	25	28	33	35
55	43	43	51	56	57
45	53	53	59	62	63
35	69	68	70	75	76
25	78	77	78	79	79
15	84	84	84	85	83
5	88	88	88	88	88
0	87	87	87	87	87

COEFFICIENTS OF UTILIZATION

% EFFECTIVE CEILING CAVITY REFLECTANCE

	80			70			50		
	WALL REFLECTANCE								
	70	50	30	70	50	30	50	30	10
0	85	85	85	74	74	74	53	53	53
1	78	74	71	67	64	62	47	45	43
2	71	65	60	61	56	52	41	38	36
3	64	57	51	56	50	45	36	33	30
4	59	50	44	51	44	39	32	28	26
5	54	44	38	47	39	33	28	25	22
6	49	40	33	43	35	29	25	22	19
7	45	35	29	39	31	26	23	19	16
8	42	32	25	36	28	23	20	17	14
9	39	29	23	34	25	20	19	15	13
10	36	26	20	31	23	18	17	13	11

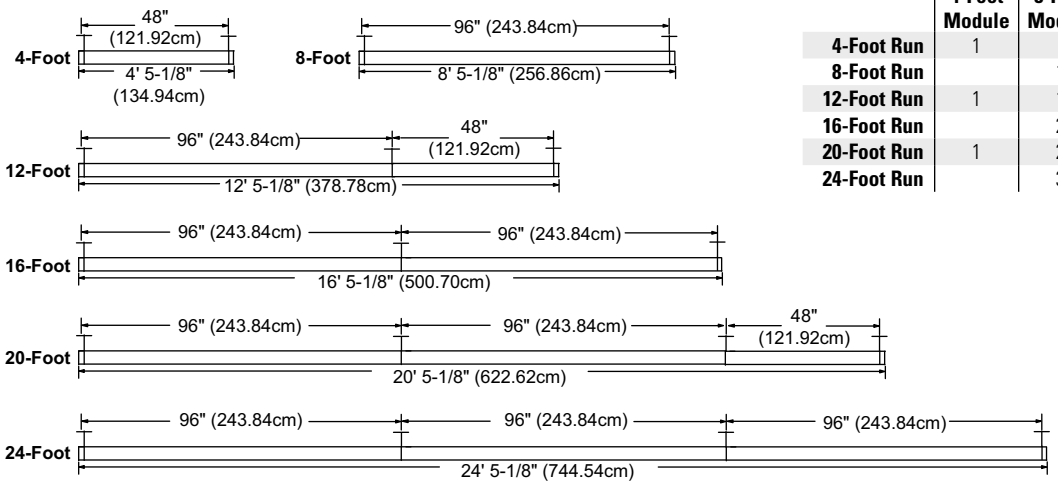
20% FLOOR CAVITY REFLECTANCE

DISTRIBUTION

Zone	Lumens	% Lamp	% Luminaire
0-90	257	8.9	10.2
90-180	2274	78.4	89.8
0-180	2531	87.3	100.0

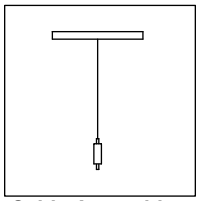
Calculations are for 28 watt T5 lamps, for 54 watt T5 lamps multiply by 1.7

Fixture Lengths & Mounting Locations

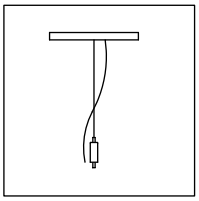


	4-Foot Module	8-Foot Module	Cable/ Assembly	Power Feed End Set
4-Foot Run	1			1
8-Foot Run		1		1
12-Foot Run	1	1	1	1
16-Foot Run		2	1	1
20-Foot Run	1	2	2	1
24-Foot Run		3	2	1

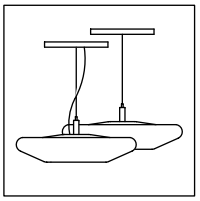
Mounting Accessories



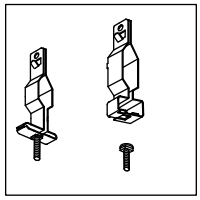
Cable Assembly
Single Cable: **LSBC36**



Cable/Cord Assembly
Single Cable & Cord: **LSBCC36**
Single Cable & 4 Wire Cord*: **LSBCC36X4**



Power Feed End Set
Straight Cord: **LSBEC36WH** (white)
LSBEC36AL (aluminum)
4 Wire Cord*: **LSBEC36WHX4** (white)
LSBEC36ALX4 (aluminum)



Ceiling Grid Kit
CGK
Includes both Standard 1" (2.54cm) Tee Bar Clip & Slot Tee Clip

***Use for dimming, switching, and emergency battery packs.**

Job Information **Type:**

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